Rasheed Mirza

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EDUCATION

B.S. in Cognitive Science | Specialization: Machine Learning & Neural Computation | Provost Honors
· University of California, San Diego · San Diego, CA · Sept 2022 – June 2024

A.S. in Cognitive Science
· Irvine Valley College · Irvine, CA · Sept 2020 – May 2022

EXPERIENCE

IT Consultant
Fluxergy   **June 2024 – May 2025, Irvine, CA**
· Advised on scalable IT infrastructure and streamlined automation processes across 8+ cross-functional teams, improving system efficiency by **200%**.
· Created intuitive dashboards for QA, product management, and regulatory shipment tracking, boosting reporting accuracy by **30%** and cutting weekly update time by **60%**.
· Developed 10+ medium-code Microsoft-based workflows (PowerApps, SharePoint, Power Automate) that reduced manual processing times from **2–3 days to under 3 minutes.**
· Defined cybersecurity protocols and authored comprehensive IT manuals adopted by **200+** employees across departments, enhancing onboarding and compliance.

Web Development Lead
Telos House   **April 2024 – April 2025, Remote – UK-based**
· Led a cross-functional team of **6 developers/designers** to launch a full-stack website in under **3 weeks**, meeting critical partner deadlines.
· Collaborated with **10+ global institutions** including Oxford, Cambridge, Harvard, and Stanford on technical outreach and platform integration.
· Maintained and scaled web infrastructure to support **20+ active projects** across AI, health, cybersecurity, and sustainability sectors.
· Delivered intuitive UI/UX experiences that increased stakeholder engagement by **40%**, measured via session time and repeat interactions.
· Spearheaded the development and implementation of custom UI kits, optimizing design consistency and reducing interface deployment time by **25%** across 20 project platforms.

Machine Learning Programmer
Integrated Medical Sensors   **May 2024 – April 2025, Irvine, CA**
· Conducted AI-driven biomedical data research on glucose monitoring and metabolic health, analyzing over **50,000+ patient data points** to identify critical patterns.
· Designed deep learning models that improved CGM (continuous glucose monitoring) prediction accuracy by **27%**, aiding early detection of glucose irregularities.
· Laid groundwork for Pell Grant qualification for **$1.5m+ in federal funding** by integrating AI into regulatory submissions and demonstrating measurable clinical benefit.
· Established a reproducible AI framework adopted by the R&D team, setting a **new benchmark** for ML integration in diabetic health solutions.

IT Specialist
Fluxergy   **April 2021 – June 2024, Irvine, CA**
· Managed and maintained **400+ devices** across departments, including lab equipment, production machinery, desktops, tablets, and mobile units, achieving **98% uptime.**
· Deployed a high-speed bridge-to-bridge network between buildings, increasing data transfer speeds by **70%** and supporting uninterrupted operations company-wide.
· Resolved **100+ monthly IT issues** spanning biology labs, QA systems, accounting tools, and production hardware, ensuring cross-department continuity.
· Recruited and trained **4 new IT hires**, and onboarded **40+ employees** across departments with custom-built manuals and IT support protocols, reducing time-to-productivity by **50%**.

CERTIFICATIONS

Google UX Design Professional Certificate
Remote · Feb 2025 – Apr 2025
· Completed the Google UX Design Professional Certificate, gaining hands-on experience with user-centered design, UX research, prototyping, and accessibility while building a professional portfolio of end-to-end design projects.

Machine Learning with Python: From Linear Models to Deep Learning
Massachusetts Institute of Technology · 2024
· An in-depth introduction to the field of machine learning, from linear models to deep learning and reinforcement learning, through hands-on Python projects. –– *Part of the MITx MicroMasters program in Statistics and Data Science.*

SKILLS

Design & UX Tools: Figma, Adobe XD, Sketch, Adobe Creative Suite (After Effects, Premiere, Photoshop, Lightroom, etc.), Prototyping tools

Machine Learning & Development: Python, Java, C, PyTorch, TensorFlow, Keras, Neural Networks, Deep Learning
Web & IT Technologies: HTML, CSS, JavaScript, React, PowerApps, SharePoint, Microsoft Dynamics, IT Troubleshooting

Cognitive Psychology, Human–Computer Interaction (HCI), User Research, UX Strategy & Thinking, Problem Solving, Cross-functional Collaboration, Agile & MVP Development

PROJECT

Projects & Activities

Freelance UX/UI Design · October 2024 – Present
· Designed and developed websites and apps for **10+** clients including local businesses, restaurants, mosques, and early-stage startups.
· Delivered end-to-end UX solutions, from wireframing and prototyping to responsive UI implementation within **2 weeks**.
· Created brand assets such as logos, visual styles, and interface components tailored to each client's audience and goals.
· Collaborated directly with stakeholders to understand user needs, improve usability, and align design with business objectives.
· Supported MVP launches for startups by combining design expertise with basic web/app development and deployment.